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US 5973612 A	0	0	3	0
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TITLE: Flexible object notification

DATE-ISSUED: . October 26, 1999

INVENTOR-INFORMATION:

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APPL-NO: 08/ 833296

DATE FILED: April 4, 1997

PARENT-CASE:

   RELATED APPLICATION

   This application is a continuation-in-part of prior copending provisional Application Ser. No. 60/025,748, filed Sep. 19, 1996, the filing date of which is hereby claimed under 35 United States Code Section 119(e).

US-CL-CURRENT: 340/7.58, 340/7.59 , 370/313 , 455/140 , 455/517

ABSTRACT:

   Alternative notification methods for a portable wireless receiver that is able to receive paging objects (i.e., data objects) in addition to conventional alphanumeric page messages. When a paging object is received, the user may be notified of the receipt of the paging object using a visual alert or an audible alert. The user can selectively determine whether the sender of the page object will be allowed to determine the type of audible and/or visual notification

provided the user. Various parameters associated with each type of directory in which page objects are stored and with the page objects indicate the preferences of the user and the sender for notifying the user of the receipt of the page object. The invention is also applicable to other types of portable wireless data receivers, such as a cell phone.

20 Claims, 6 Drawing figures

Exemplary Claim Number: 12

Number of Drawing Sheets: 4

Application Filing Date - AD (1):

  19970404

Brief Summary Text - BSTX (9):

   In accord with the present invention, a method is defined for selectively notifying a recipient that a data object transmitted from a remote site has been received on a portable receiver carried by the recipient. The method includes the step of appending a **sender preference** to the data object transmitted to the recipient. The **sender preference** identifies at least one of a plurality of options for notifying the recipient that the data object has been received. The plurality of options include an option in which the sender has not provided any notification. Further, the recipient is enabled to define a recipient preference for being notified of the receipt of the data object using at least one of the plurality of options. Upon receipt of the **data** object by the portable **receiver**, the method provides for logically **combining the sender preference** with the recipient **preference** to produce a logical result that determines how the recipient will be notified. Using the logical result, the portable receiver is controlled to effect the notification of the recipient as indicated by the logical result.

Brief Summary Text - BSTX (11):

   When transmitting the data object, the **sender preference** for notifying the recipient of the receipt of the data object is preferably defined by a notify bit mask appended to the data object. In addition, a data object **preference** is preferably defined within the portable **receiver** for each different type of data object received. The **data** object **preference** is logically **combined with the sender preference** and the recipient **preference** to determine how the recipient will be notified of the receipt of the **data** object. The